

Title (en)
Oscillating-type generator

Title (de)
Generator vom Schwingungstyp

Title (fr)
Générateur oscillatoire

Publication
EP 1317056 A2 20030604 (EN)

Application
EP 02025058 A 20021111

Priority
• JP 2001346528 A 20011112
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Abstract (en)
An oscillating-type generator is provided in which an impact member impacts piezoelectric elements to generate electricity and which can efficiently increase the number of impacts and generate a large amount of electricity. This oscillating-type generator includes: a generator member 2 having an impact member 22 impacting piezoelectric elements 21 to generate electricity; and an elastic member 4 having elasticity, attached to the generator member 2 and, when applied an external force, adapted to oscillate the generator member 2 to cause the impact member 22 to repeat impacting the piezoelectric elements 21. <IMAGE>

IPC 1-7
H01L 41/113

IPC 8 full level
H02N 2/00 (2006.01); **H01L 41/113** (2006.01); **H02N 2/18** (2006.01)

CPC (source: EP US)
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Cited by
EP3179623A1; EP3182071A1; FR3045146A1; EP2259320A1; FR2946458A1; CN101908835A; US9972190B2; US10541628B2; WO2010020388A1; WO2011069818A1; US8410661B2; US8549719B2

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EP 1317056 A2 20030604; **EP 1317056 A3 20031105**; JP 2003209980 A 20030725; US 2006087200 A1 20060427; US 7157835 B2 20070102; WO 03043099 A2 20030522; WO 03043099 A3 20040219

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